

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-186300

(43)Date of publication of application : 04.07.2000

(51)Int.Cl.

C11D 17/06  
C11D 11/00

(21)Application number : 11-278632

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(22)Date of filing : 30.09.1999

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(30)Priority

Priority number : 10295819 Priority date : 16.10.1998 Priority country : JP

## (54) PREPARATION OF MONONUCLEAR DETERGENT PARTICLE GROUP

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method of preparing a mononuclear detergent particle group in high yield which is simple in the production step, reduced in the variability of the average particle diameter and the particle size distribution of detergent particle group relative to the variability of the compounding amount of a surface active agent composition and capable of easily adjusting the average particle diameter and the particle size distribution in the method of preparing mononuclear particle group having a surface active agent composition, and a method of preparing mononuclear detergent particle group which are good in the powder properties of the detergent particle group, and simultaneously can be compounded with a large amount of a surface active agent composition.

SOLUTION: A method of preparing mononuclear detergent particle group comprises mixing base granule group having an average particles diameter of 150-500  $\mu$ m, a bulk density of 400 g/L or more and a particle strength of 50 kg/cm<sup>2</sup> or more with a surface active agent composition in such a mixing condition as not to substantially disintegrate the base granules, and subsequently mixing the resulting mixture with fine powder while substantially retaining the morphology of the base granules containing the surface active agent composition no obtain the mononuclear detergent particle group.

## LEGAL STATUS

[Date of request for examination] 25.07.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]